

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S40	2	("6476201").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/12/16 15:19
S41	16	((outer adj membrane adj vesicle) "OMV" OMV \$2 (outer near membrane near vesicles) same (ultrafiltration "UF" (membrane adj filtration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 15:26
S42	14	S41 and (stabiliser adjuvants carrier (tris adj buffer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 15:28
S43	7	((((outer adj membrane adj vesicle) "OMV" OMV \$2 (outer near membrane near vesicles) same (tris adj buffer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 15:37
S44	4	S43 and (ultrafiltration "UF" (membrane adj filtration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 15:37
S45	646678	(cultivating cultivation cultivate cultivated grow \$3 prepare manufacture preparing culture) same ( cells cell bacteria prokaryotes)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:05
S46	2010	((outer adj membrane adj vesicle\$1) "OMV" OMVs blebs) and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:10
S47	294	(ultrafiltration "UF" (membrane adj filtration)) and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:12
S48	176	S47 and (meningococcal neisseria meningitidis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:14

S49	59416	((change mutate mutation\$1 decrease knockout) same ((gene adj product) cps ctra ctrb ctrc ctrd exbb exbd frpb gale htrb msbb lbpa lbpb lpxk nmb0033 opa opc phop pilc pmre pmrf pora porb rmpm siaa siab siac siad syna synb sync tbpa tbpb))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:19
S50	51	S48 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:20
S51	211289	((disrupt disrupting shake lyse lysis shaking break sonicate sonication sonicated breaking stir stirring disintegration) same (cells cell bacteria prokaryotes))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:28
S52	49	S50 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:28
S53	6	S52 and ((cross adj1 flow) (tangential adj (force flow)) ( shear adj flow))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:31
S54	10	S52 and diafiltration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:32
S55	6	S53 and diafiltration	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:32
S56	43	S52 NOT S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/16 16:36

**EAST Search History (Interference)**

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